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1	US 20040059978 A1	20040325	16	Reduced latency for recovery from communications errors	714/748	
2	US 20040010743 A1	20040115	21	Turbo encoded hybrid automatic repeat request system and error detection method	714/748	714/755; 714/784
3	US 20030126536 A1	20030703	10	Delay sensitive adaptive quality control loop for rate adaptation	714/748	
4	US 20030120990 A1	20030626	10	Method for modifying a bit sequence in an ARQ retransmission, receiver and transmitter therefor	714/748	
5	US 20030110436 A1	20030612	16	ARQ retransmission with reordering scheme employing multiple redundancy versions and receiver/transmitter therefor	714/748	
6	US 20030079169 A1	20030424	10	Automatic repeat request for centralized channel access	714/748	
7	US 20030072285 A1	20030417	9	Mimo hybrid-ARQ using basis hopping	370/335	714/748
8	US 20020199147 A1	20021226	28	Apparatus and method for transmitting and receiving data in a CDMA mobile communication system	714/748	
9	US 20020172208 A1	20021121	12	Hybrid automatic repeat request (HARQ) scheme with in-sequence delivery of packets	370/400	370/352; 370/394; 370/428; 714/748
10	US 20020120900 A1	20020829	7	Rate-matching algorithm for hybrid ARQ system	714/748	714/790
11	US 20020036986 A1	20020328	19	Method and apparatus for managing traffic flows	370/235	370/400; 709/225; 714/748
12	US 20020012337 A1	20020131	36	Wireless communications with efficient retransmission operation	370/349	370/473; 714/748
13	US 6700867 B2	20040302	18	Method and system for reduced memory hybrid automatic repeat request	370/216	370/317; 714/748
14	US 6697988 B2	20040224	13	Data transmission apparatus and method for an HARQ data communication system	714/752	714/748; 714/751
15	US 6694469 B1	20040217	14	Method and an apparatus for a quick retransmission of signals in a communication system	714/748	370/474; 375/358

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17	US 6671849 B2	20031230	11	Reliability-based type-II hybrid ARQ scheme	714/746	375/377; 714/748; 714/749
18	US 6658005 B2	20031202	9	Hybrid ARQ method for packet data transmission	370/394	370/524; 714/748
19	US 6625172 B2	20030923	16	Rescheduling scheduled transmissions	370/474	370/389; 714/748
20	US 6615382 B1	20030902	22	Method for controlling errors in link layer in wideband wireless communication and computer readable media therefor	714/748	
21	US 6557135 B1	20030429	21	Cycling through entirety of error-indicating acknowledgment	714/748	714/750
22	US 6522650 B1	20030218	74	Multicast and broadcast transmission with partial ARQ	370/390	370/445; 714/748
23	US 6421803 B1	20020716	12	System and method for implementing hybrid automatic repeat request using parity check combining	714/752	714/748; 714/751; 714/758; 714/776
24	US 6418549 B1	20020709	18	Data transmission using arithmetic coding based continuous error detection	714/811	714/748
25	US 6373842 B1	20020416	15	Unidirectional streaming services in wireless systems	370/394	714/748
26	US 6359877 B1	20020319	20	Method and apparatus for minimizing overhead in a communication system	370/349	370/232; 370/252; 370/389; 370/391; 370/394; 375/220; 709/237; 709/250; 714/748
27	US 6317418 B1	20011113	15	Method for transmitting packet switched data in a mobile communications system	370/278	370/277; 370/282; 370/913; 714/748; 714/799
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30	US 6301249 B1	20011009	30	Efficient error control for wireless packet transmissions	370/394	714/748
31	US 6292470 B1	20010918	9	Data transmission system and method utilizing history information corresponding to correctly received	370/252	370/395; 1; 714/748
32	US 6289003 B1	20010911	15	Method for transmitting packet switched data in a mobile communications system	370/278	370/277; 370/282; 370/912; 370/913; 714/748; 714/751
33	US 6247150 B1	20010612	9	Automatic retransmission with order of information changed	714/701	370/337; 714/748
34	US 6212240 B1	20010403	8	Method and apparatus for conveying data between communication devices	375/261	370/468; 714/18; 714/748; 714/749
35	US 6163869 A	20001219	4	Method of re-sending incorrectly transmitted data	714/748	714/798; 714/799
36	US 6163861 A	20001219	31	Error compensating method and apparatus and medium storing an error compensation program	714/712	375/219; 375/224; 714/748
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38	US 6014765 A	20000111	87	Data transmission apparatus and method	714/748	714/749
39	US 5983382 A	19991109	10	Automatic retransmission query (ARQ) with inner code for generating multiple provisional decodings of a data packet	714/744	370/260; 370/265; 370/352; 370/400; 370/402; 370/463; 714/703; 714/748; 714/753; 714/755
40	US 5968197 A	19991019	18	Method and apparatus for data recovery	714/748	714/797
41	US 5896394 A	19990420	19	Data structure, data communication method, apparatus and communication terminal apparatus	714/712	714/748; 714/751
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44	US 5719883 A	19980217	27	Adaptive ARQ/FEC technique for multitone transmission	714/751	370/216; 370/480; 714/748; 714/750; 714/774
45	US 5715257 A	19980203	19	System for re-transmission in data communication	714/748	
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48	US 5677918 A	19971014	13	Method and device for efficient error correction in a packet-switched communication system	714/748	370/321
49	US 5671156 A	19970923	40	Transmission method and system for JPEG images	714/52	370/476; 370/487; 375/295; 375/346; 455/91; 714/746; 714/748; 714/751
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51	US 5563895 A	19961008	12	Digital mobile radio communication system	714/748	
52	US 5559810 A	19960924	10	Communication of data reception history information	714/704	375/259; 375/267; 455/102; 714/708; 714/748; 714/751
53	US 5550847 A	19960827	22	Device and method of signal loss recovery for realtime and/or interactive communications	714/748	375/240. 13; 375/240. 17
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